| Ref<br># | Hits | Search Query   | DBs                          | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|------------------------------|---------------------|---------|------------------|
| L8       | 2    | "372".clas. and (pc and solder and ("to-can" or "to can"))   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2005/10/19 08:08 |
| L9       | 4    | "372".clas. and (("pc board" or<br>"printed circuit board") and solder<br>and ("to-can" or "to can"))  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2005/10/19 08:15 |
| L10      | 2    | ("2003/0021310").URPN.   | USPAT                        | OR                  | ON      | 2005/10/19 08:11 |
| L11      | 4    | "372".clas. and (("pc board" or<br>"printed circuit board" or pcb) and<br>solder and ("to-can" or "to can"))   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2005/10/19 08:16 |
| L12      | 4    | "372".clas. and (("pc board" or "printed circuit board" or pcb) and solder\$3 and ("to-can" or "to can"))  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2005/10/19 08:16 |
| L13      | 57   | (("pc board" or "printed circuit<br>board" or pcb) and solder\$3 and<br>("to-can" or "to can"))  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2005/10/19 09:27 |
| L14      | 394  | 439/56.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2005/10/19 08:52 |
| L15      | 328  | 439/181.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2005/10/19 08:52 |
| L16      | 189  | 439/924.1.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2005/10/19 08:53 |
| L17      | 370  | (L14 or L15 or L16) and (ground or common)   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2005/10/19 08:53 |
| L18      | 3    | ("4901135"   "6091022"  <br>"6229088").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2005/10/19 09:18 |
| L19      | 3    | ("5323025"   "5953355"  <br>"6541800").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2005/10/19 09:21 |
| L20      | 16   | ("5136152"   "5285466"   "5352632"<br>  "5600621").PN. OR ("5953355").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2005/10/19 09:23 |
| L21      | 20   | ("3539803"   "3581092"   "4258260"   "4293768"   "4302674"   "4336452"   "4489238"   "4516027"   "4556796"   "4561010"   "4682030"   "4803360"   "4806763"   "4825079"   "4906834"   "4916505"   "4956554").PN. OR ("5323025").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2005/10/19 09:25 |

|     |     |   | 1   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| L22 | 285 | (("pc board" or "printed circuit<br>board" or pcb) and solder\$3 and<br>("to-can" or "to can") or "transistor<br>outline" or "transistor-outline" or "to<br>package" or "to-package") | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/10/19 09:29 |
| L23 | 228 | L22 not L13   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/10/19 09:28 |
| L24 | 118 | (("pc board" or "printed circuit<br>board" or pcb) and solder\$3 and<br>("to-can" or "to can" or "transistor<br>outline" or "transistor-outline" or "to<br>package" or "to-package")) | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/10/19 09:30 |
| L25 | 61  | L24 not L13   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/10/19 09:30 |
| S1  | 99  | 372/38.09.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 10:06 |
| S2  | 47  | 372/38.08.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 10:20 |
| S3  | 309 | 372/38.07.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 10:20 |
| S4  | 111 | S3 and (lead or pin)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 10:28 |
| S5  | 198 | S3 not S4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 10:34 |
| S6  | 95  | 372/38.05.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 10:40 |
| S7  | 592 | 372/38.02.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 10:40 |

| S8  | 205  | S7 and (pin or lead)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 10:48 |
|-----|------|---|---|----|----|------------------|
| S9  | 1516 | "372".clas. and (hous\$3 or (to near (can or hous\$3))) and (pin or lead)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 10:49 |
| S10 | 1524 | "372".clas. and (hous\$3 or "to-can" or (to near (can or hous\$3))) and (pin or lead) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/18 08:49 |
| S11 | 10   | S10 and (esd or (electrostatic near discharge))                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 15:06 |
| S12 | 1514 | S10 not S11   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 14:46 |
| S13 | 2605 | 257/99,100.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 15:42 |
| S14 | 42   | S13 and (esd or (electrostatic near discharge))                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 15:09 |
| S15 | 2563 | S13 not S14   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 15:10 |
| S16 | 532  | S15 and (ground or common)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 15:10 |
| S17 | 7127 | 257/690,692-698.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 15:43 |

| S18 | 64   | S17 and (esd or (electrostatic near discharge))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 16:28 |
|-----|------|---|---|----|----|------------------|
| S19 | 2259 | S17 and (ground or common)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 16:34 |
| S20 | 35   | S18 and @py<"2003"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 16:30 |
| S21 | 35   | S18 and @pd<"20030101"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 16:30 |
| S22 | 1224 | S17 and ((pin or lead or connector) with (point\$3 or acut\$3 or sharp\$3 or peak\$2 or spike\$2 or tip))                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 16:38 |
| S23 | 62   | S17 and ((pin or lead or connector) with (point\$3 or acut\$3 or sharp\$3 or peak\$2 or spike\$2 or tip) with (ground or common))           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 16:45 |
| S24 | 4    | S13 and ((pin or lead or connector) with (point\$3 or acut\$3 or sharp\$3 or peak\$2 or spike\$2 or tip) with (ground or common))           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 16:46 |
| S25 | 0    | 257/745.ccls. and ((pin or lead or connector) with (point\$3 or acut\$3 or sharp\$3 or peak\$2 or spike\$2 or tip) with (ground or common)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 16:48 |
| S26 | 2863 | ((pin or lead or connector) with (esd or (electrostatic near discharge) or "electro-static discharge"))                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/17 16:48 |
| S27 | 62   | S26 and ((pin or lead or connector) with (point\$3 or acut\$3 or sharp\$3 or peak\$2 or spike\$2 or tip) with (ground or common))           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/18 08:48 |

| S28 | 2866 | ((pin or lead or connector) with (esd<br>or (electrostatic near discharge) or<br>"electro-static discharge"))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/18 08:49 |
|-----|------|---|---|----|----|------------------|
| S29 | 789  | S28 and (hous\$3 or "to-can" or (to near (can or hous\$3)))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/18 08:49 |
| S30 | 202  | sato-wataru.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/18 10:19 |
| S31 | 24   | ("0234917"   "0278024"   "0278063"   "0361426"   "3467940"   "3653498"   "3774075"   "4019094"   "4617605"   "4971568"   "5108299"   "5163850"   "5164880"   "5259777"   "5289336"   "5583733").PN. OR ("5847914"). URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/10/18 11:06 |
| S32 | 28   | ("2197426"   "3467940"   "3600531"<br>  "3851944"   "4070557"  <br>"4179178"   "4699443"   "4786258"<br>  "4798542"   "Re32760").PN. OR<br>("4971568").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/10/18 11:07 |
| S33 | 15   | ("3467940"   "3653498"   "3774075"   "4019094"   "4617605"   "4971568"   "5108299"   "5163850"   "5164880"   "5259777"   "5289336"   "5401180"   "5538434").PN. OR ("5697501"). URPN.                                     | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/10/18 11:14 |
| S34 | 740  | 361/220.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/10/18 11:16 |
| S35 | 366  | S34 and (pin or lead or connector)  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/10/18 11:27 |
| S36 | 163  | 361/222.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/10/18 11:40 |
| 538 | 1812 | corona adj electrode  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/18 11:45 |

| S39 | 22   | S38 and (esd or "electrostatic discharge" or "electro-static discharge")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/18 11:45 |
|-----|------|---|---|----|----|------------------|
| S40 | 3572 | long\$3 with (ground or common) with (pin or lead or connector)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/18 12:10 |
| S41 | 69   | S40 and (esd or "eletro-static<br>discharge" or "electrostatic<br>discharge")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/18 12:11 |
| S42 | 29   | ("5432916"   "5473499"   "5530810"<br>  "5584030"   "5625238"  <br>"5636347"   "5644731"  <br>"5726506").PN. OR ("5881251").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/10/18 15:47 |
| S43 | 3572 | long\$3 with (ground or common) with (pin or lead or connector)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/18 15:48 |
| S44 | 1095 | S43 and (hous\$3 or "to-can" or (to near can))  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/10/18 15:48 |
| S45 | 2    | S43 and ("to-can" or (to near can))   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/10/18 15:50 |
| S46 | 212  | S44 and (laser or led or (light near2 emitt\$3))  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/10/18 17:03 |
| S47 | 147  | 439/106.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/10/18 17:06 |
| S48 | 366  | 439/95.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/10/18 17:07 |
| S49 | 7    | S43 and S48   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/10/18 17:12 |
| S50 | 6543 | "439".clas. and (led or laser)  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/10/18 17:15 |
| S51 | 4    | S50 and ("to-can" or "to can")  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/10/18 17:13 |

| S52 | 1157 | "439".clas. and ((led or laser or diode) with (hous\$3 or packag\$4))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/10/18 17:16 |
|-----|------|---|------------------------------|----|----|------------------|
| S53 | 549  | "439".clas. and ((led or laser or<br>diode) with (hous\$3 or packag\$4))<br>and (ground or common)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/10/18 17:16 |
| S54 | 24   | ("2819434"   "2898518"   "3056939"   "4541034"   "4667270"   "4951124"   "5096425"   "5109319"   "5179506"   "5306949"   "5343365"   "5446623"   "5469330"   "5586008"   "5616955"   "5632629").PN. OR ("5726862"). URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/10/19 08:06 |